

Amendments to the Specification:

Please amend paragraph 0029 of the specifications as indicated.

Q2 [0029] Figure 10 is a cross-sectional view taken along the self-aligned source. Referring now to Figure 10, local interconnect 82 83 makes connection to each source of a series of devices that are inner-connected by the self-aligned source implant. An important element of the present invention is the combination of metal local interconnect 83 (~~not seen in Figure 10~~), with the self-aligned source 41, in conjunction with self-aligned drain contacts 82 (not seen in Figure 10) that significantly lowers source resistance and also allows the fabrication of a smaller floating gate device. The self-aligned source allows for a smaller cell simply by its inherent nature of being self-aligned to the transistor gate of each floating gate device. The lowered source resistance, due to the presence of the metal local interconnect, gives better cell performance uniformity when comparing the performance of a cell that is relatively close to a source contact versus a cell fairly far away from a source contact. With the metal local interconnect, the overall size of the array can be reduced, as fewer source contacts will be needed compared to a conventional flash cell array. Most importantly, the metal local interconnect 83 connecting from source to source of series of devices will significantly reduce source resistance as the metal (such as a tungsten-based metal) provides a much better conducting line than does the conductively doped active area that forms the source for each device.

Amendments to the Drawings:

Figures 8, 9 and 10 have been amended.

In Figures 8 and 9, numeral designator 63 has been added. Designator 63 is seen in Figure 7 and was inadvertently omitted in Figures 8 and 9.

In Figure 10, layer 81 has been added as the layer was inadvertently omitted. Layer 81 can be seen in the preceding cross sections of Figures 8 and 9. Also, numerical designator 82 has been rewritten as the correct numerical designator 83 and to reflect the amendment made to paragraph 0029 of the specification.

Amendment to the drawings reflect minor corrections that is supported by the specification. Therefore no new matter has been added.